Meeting Description: Michigan Geographic Framework Users Meeting
Date: March 3, 2005   **Time:** 10:00 a.m.
Location: Michigan Center for Geographic Information, George W. Romney Building, 10th Floor, Conference Room

    I.   Approval of Meeting Minutes
    II.   Geographic Framework Program
         A. Framework Activities

Everett Root, Center for Geographic Information (CGI), we continue to receive some feedback from the ACT 51 mapping process. We have created the county, city and village's ACT 51 maps and delivered them to Michigan Department of Transportation (MDOT) where they are reviewed. Any issues that they find that effect streets or boundaries are sent back to us for changes. We continue to add streets from the information sent in by clerks for the Qualified Voter File (QVF). We have done a lot of the delivery preparation work. Nearly all of the counties have been seamed at the county lines. All of the referencing is up to date and is ready to go, except for the most recent changes. All of the boundaries and annexations are up to date as of Dec. 31, 2004. School districts, Census tract, Census block and legislative districts will be part of the Version 5 delivery. There will be a Version 5a delivery and a Version 5b with National Functional Class (NFC) changes coming in between now and May.

         B. Digital Ortho Update

Everett (CGI) Tri-County planning (Ingham, Eaton, Clinton) has organized a flight for their region. Tri-county planning has arranged for us to partner with Ingham County to acquire that photography. It will be a Spring 2005 flight, 6-inch color. We are also talking with Saginaw, Bay and Midland Counties to partner with them.

Ann Burns, Southeast Council of Government (SEMCOG) we have a coordinated flight going on with the seven counties in Southeast Michigan. We are ready to go, waiting on snow to melt.

Discussion - regarding statewide flight. They will fly over the state at 1-meter this summer. They will use the same format as DOQQ's (Digital Ortho Quarter Quad) for the Department of Agriculture. It will be summer imagery instead of spring.

Bob Carra, Genesee County, we are looking at a product called Pictometry. They will be partnering with another company called Sanborn and other potential partners who will take Ortho imagery and put it to International mapping standards. So, right now we are looking at the product and putting together potential cost shares with various units through out Genesee County. Looking at a flight next spring.

    III.   MDNR Projects and Activities

Sherman Hollander, Michigan Department of Natural Resources (MDNR) we have nothing new to report.

Everett (CGI) the Application Development staff here, are working on the web applications that were identified by the Vigil group.

    IV.   MDOT Projects and Activities
         A. Asset Management Council Web Application

Joyce Newell, Michigan Department of Transportation (MDOT) we are helping MDNR with the state park roads. We have now brought over that information to CGI for clean up and to get into Version 6 Framework.

Everett (CGI) the MDOT staff drove and rated 104 state parks, all the harbors and about 60% to 70% of the boat launches. They captured the GPS information and identified entrance roads, parking lots, campground roads and other roads and rated them. Those have all been collected here in Lansing and will be brought over to CGI to be cleaned up and made Framework ready.

Joyce (MDOT) we will continue to work with MDNR to collect all of the data for the remaining boat launch sites.

  V. MDEQ Projects and Activities

John Esch, Michigan Department of Environmental Quality (MDEQ) we are trying to come up with data standards, gather data digitally and come up with Internet mapping for all applications for MDEQ program areas. The first application is for underground storage tanks and along with that land files, and oil and gas wells.

  VI. MSP Projects and Activities

    A. Michigan Homeland Security GIS Advisory Committee

Eric Nischan, Michigan State Police (MSP) the GIS advisory committee is waiting for funding for further action. There is a 2005 Homeland Security Grant that we are applying for through the Emergency Management Division. We are hoping to (1) link local GIS with local emergency management, (2) link local and county GIS with the state and vise versa (3) to provide a web based tool to emergency management using existing products or create new ones. We should find out by March regarding the money from the grant.

There is a project with the EPA (Environmental Protection Agency) who have offered to Geo locate all of the extremely hazardous materials sites that are reported under Title 3 (The Community right to know Act). We are working with Susan Parker, MDEQ to get that information. We are unsure of all of the perimeters of the Geo locations, but are working those out.

Discussion – some counties have went in and mapped sites and building locations where Chemicals are stored. Statement was also made to check the contacts requesting information to make sure they are legitimate.

  VII. MDCH Projects and Activities

Michael Hass, Michigan Department of Community Health (MDCH) we are getting population totals for strategic national stockpile delivery sites.

Discussion – is there a link between certain drugs being purchased in large quantities at different pharmacies or doctors records that are linked to certain diseases or to show that there is an epidemic in the area. For that kind of information, you would be merging a number of different systems. For the doctor – disease ratio – there are 72 reportable diseases. Up until last June, doctor's offices, Labs, Hospitals were reporting information to their local health department, and then they were using a DOS based record keeping system. Since June, that has gone to a web based system that has a highly secure access. The users, including John Clark from CGI, can enter data to be mapped of the last seven days, as long as there have been 5 recorded cases. That system came out last June and started with local health reporting into it and now it is going out to doctor's offices so

they will be able to enter their information direct. It is called Michigan Disease Surveillance System.

VIII.   MSI Projects and Activities

Charles Bender, Michigan State Industry (MSI) we are finishing what work we have for MDOT and will be getting some more work from them soon. MDNR – we have finished with their allocated funds. There are still about 32 Lakes that we will finish and as funds become available, we will send those out.

IX.   CGI Projects and Activities

Everett (CGI) we are quite busy with the Qualified Voter File (QVF) and the elections consolidation. With the election consolidation, elections are only 4 times a year now. Clerks are going to be doing the school elections, which they haven't done in the past. They have been aligning the school voter precincts with the general election precincts or create new school precincts. Most of the community school districts just had one precinct. That will change now. Half of our staff is at a conference today, where there are about 900 clerks in attendance to hear more about this and where it is going in the future. The legislation took affect soon after the November election. The next election will be May 3, 2005. So, voter ID cards are suppose to go out today with everyone's new school precinct on them. The street index is getting a lot of attention and is getting cleaned up through this process.

We are continuing to do work on the NHD (National Hydrologic Data) project for Southeast Michigan. We have been evaluating the local information that we have been collecting and comparing it with Framework to get the best information. We will probably get rolling on this more, once Version 5 is created. The work that we are actually going to do to touch Framework will be in Version 6. The NHD is a 1 to 100,000-scale set of data about Hydrology. It is a nationwide set of information and the USGS (United States Geological Survey) has a goal to get all of that information to a 1 to 24,000-scale, a higher resolution. The work is done by watershed in Southeast Michigan. The project is to be done by October 1, 2005. We are completing Framework and then incorporating the data from NHD into framework. With that comes FCC codes, better delineation of the lakes, streams, two bank rivers and updating of names.

We have recently become involved in a project with the non-motorized folks with MDOT. They have a program to map non-motorized users. They use the roadways and trail systems to ride bikes. They will use Framework for the road layer and the mapping is going to be done by people at the regional, county level. They want a comprehensive set done for the whole state and have partners willing to do the mapping. Our involvement will be training them on how to use Framework. It will have the mile point referencing system. Right now the final product is a paper map done by planning regions.

Discussion – Geo database migration- no updates at this time. Alden Leatherman (CGI) is helping with QVF and nothing is moving forward with that. SEMCOG is migrating to the database. They are putting their database together right now. They can share their information with Alden to coordinate their efforts.

John Spencer, Michigan Department of Management and Budget (MDMB) - Office of Facilities met with Eric Swanson and Krisanne McConnell on January 13, 2005. We turned over our key maps of legal descriptions of all of the properties of the State of Michigan that are owned by MDMB, MDOC, MDCH, and Michigan Department of

Education. On those maps are legal descriptions of government corners and in AutoCAD (Automatic Computer Aided Design) pictures of the facility taken at a time to show changes and additions. Another CD that we provided had to do with our inventory of buildings and properties that had not been updated since 1988. We are using that information to update our files, to show where buildings and property corners are now. Everett (CGI) that information is being incorporated into the Statewide Land Database. It is basically a database about State properties with a lot of information tied to it, what Agencies are in a building, how many employees, etc. This is another project that is in review as to where we take it next to make the information accessible to those who need it. I believe an Internet application is probably in the future.

     X.   MSU Remote Sensing and GIS Research and Outreach Services Projects and Activities

No representative at meeting.

     XI.   County/Local Projects and Activities

Valdis Kalnins, Allegan County, nothing new.

Everett (CGI) we have talked about a digital exchange of information to update the street index. Looking at a process to start making edits to the Framework. Also, looking at a pilot to submit information to the postal service from Allegan County.

Rosemary Anger, Barry County, we are coming out with our 5th version of the county map. We have sent out a bid to the printer for 2005 Plat books. We are updating Hydrology also.

Trevor Floyd, St. Clair County, we are working with our IT department to get a searchable web site. We have created a front page that people can enter in a name, street number, street name, or parcel ID number and search through data from the software that was created – Geo connector.

Discussion – working with different versions. All of the information has to be in the right spot for it to work. Hot link was added quite easily with ESRI tech support in office. Hit the Hot link button and put in the ID number, it strips it down, so that there are no hyphens, dashes, etc. and then it goes directly to the map.

Bob Carra, Genesee County, we are applying to use Homeland Security money to purchase a new GIS server and Arc IMS with the idea of building an application to help emergency management, the local police and fire and to share the project through Arc IMS for a secure site with the state for emergency response.

     XII.   Regional Projects and Activities

Steve Stepek, West Michigan Regional Planning Commission (WMRPC) reported that there was nothing new regarding Framework.

Everett (CGI) discussions have taken place to put more feedback mechanisms into the data collection, so if there is something Framework related that's visible when they are on the road, the capability will be there to provide that information easily.

Ann Burns, Southeast Michigan Council of Government (SEMCOG) we are working on our geo database migration. We are also attributing Framework Version 4B with the TAZ (Transportation Analysis Zone) left and right attribute. We continue to work on our migration to Arc GIS 9. And we are updating our sewer service availability layer. Our next user group meeting with ESRI is March 10th regarding Homeland Security. Information on the meeting is available on our web site.

Bob (Genesee County) one more item to add is that this year we are putting in GPS core weigh stations in the county. It is suppose to take place this summer. It is being paid for by the County Surveyor's Office along with the Road & Drain Commissions.

John (MDMB) most of the county weigh stations are being paid for by the counties. They have put up probably all that they are going to. They have come out with a CDMA type of modem now that has GPS receivers that you can run with one rover and can hook up to the CMA wireless web. You can tie into these core stations with that one rover in about 20 seconds to get a fixed position. You can get latitude and longitude and be about 30 to 40 miles away.

XIII.   Federal Projects and Activities

Charles Hickman, United States Geological Survey (USGS) we want to put a state face on the viewer for the national map. On the handout, one side is the general information about the national map. The other side is in regards to the work that we have done with Indiana. We want to take our standard viewer in the national map and be able to put a state or local face on it. Add logos and some links, also, to get more of the local content in there.   We have talked in the past about getting the Framework data available on line through the Arc IMS service. CGI did some work on that a few years ago through the open GIS consortium, using that technology and information, we should be able to customize information for each state.   Some of the things to mention with this viewer as you zoom into a county or city are that you get more information with the web mapping service. On the far right side, it shows the name of the county or city, which created it. This gives credit as to who is providing the data and there is a link to their web site too. NHD (National Hydrologic Data) is the hydro portion of the national map. The other national layers are Census TIGER, National Land Cover and the National Data Set.

XIV.   Other Issues

Everett (CGI) it is my understanding that the 2004 TIGER is released and is now available. There are counties in there that have been aligned with Framework. You should be able to take Census blocks from the counties and line them up with Framework. We still have not received a list of which Michigan counties made it through to the list.

XV.   Next Meeting Date

April 7, 2005, 10 a.m. until 12 p.m., Michigan Center for Geographic Information, George W. Romney Building, 111 S. Capitol, 10th Floor, Lansing, MI 48933